

STUDIES IN THE HELIANTHEAE (ASTERACEAE). XXXXI.

A NEW SPECIES OF ASPILIA FROM BRAZIL.

Harold Robinson
Department of Botany
National Museum of Natural History
Smithsonian Institution, Washington, D.C. 20560.

Two collections have been obtained of an undescribed species of Aspilia from the Serra do Cachimbo in southern Para, Brazil. The species is described here as part of a continuing effort to resolve species concepts in South American members of the genus (Robinson 1984a, 1984b).

Aspilia cachimboensis H. Robinson, sp. nov.

Plantae suffruticosae 2 m altae laxae ramosae. Caules fulvescentes teretes distincte striati scabropilosi et minute hispido-puberuli. Folia opposita, petiolis 5-8 mm longis; laminae oblongae plerumque 9-22 cm longae et 1.5-4.3 cm latae base late rotundatae margine minute serrulatae apice acutae vel minime breviter acuminatae supra et subtus dense scabridae subtus in nervis densius scabridae et in superficiis pallidiores, nervis secundariis pinnatis utrinque ca. 5-8 erecto-patentibus distaliter sensim ascendentioribus. Inflorescentiae in ramis terminales plerumque unicapitatae, innovationibus lateralibus subfloralibus vegetativis presentibus; pedunculis 5-12 cm longis dense scabridis et puberulis. Capitula ca. 15 mm alta; squamae involucri exteriores ca. 6 foliosae late patentis 2-3 cm longae et 0.6-0.9 cm latae breviter acutae supra perdense minute scabridulae subtus pallidiores et dense scabrae et scabridulae distaliter sparsius; squamae interiores late oblongae ca. 10 mm longae et 2-5 mm latae apice late irregulariter rotundatae scariosae extus superne minute scabridulo-puberulae; paleae ca. 9.5 mm longae in partibus basilaribus oblongae ca. 7 mm longae et 1.5 mm latae superne non abrupte angustiores, appendicibus apicalibus oblongis ca. 2.5 mm longis et 1.0 mm latis apice anguste rotundatis base ad medio minute puberulis. Flores radii ca. 12-14 in capitulo; corollae flavae, tubis ca. 1.8 mm longis subglabris perdense pilosulis, limbis ca. 14 mm longis et 5 mm latis apice breviter bilobatis in axillis basilaribus fasciculate hispidulis abaxialiter in nervis sparse puberulis. Flores

disci ca. 50 in capitulo; corollae flavae ca. 7.5 mm longae, tubis ca. 0.8 mm longis indistinctis glabris, faucibus ca. 5 mm longis anguste infundibularibus, lobis ca. mm longis et 0.8 mm latis extus sparse scabridulis intus margine et submargine longe papilliferis; filamenta in partibus superioribus ca. 0.3 mm longa; thecae ca. 2.2 mm longae; appendices antherarum pallides ca. 0.6 mm longae et 0.35 mm latae extus glanduliferae. Achaenia immatura 4 mm longa albescentulifera; coronae pappi ad 1 mm longae margine lobatae et setuliferae non aristiferae. Grana pollinis in diametro ca. 30 μ m.

TYPE: BRAZIL: Para: Cuiaba-Santarem road, km 883. Roadside on BR 163. Approx. elev. 260 m. Herb to 2 m; ray flowers orange to red, disc flowers yellow. 14 Feb. 1977. J. H. Kirkbride, Jr. & E. Lleras 2778 (Holotype, UB; isotype, US). PARATYPE: BRAZIL: Para: Northern foothills of Serra do Cachimbo; BR 163, Cuiaba-Santarem highway, km 884; secondary forest by road. Shrub 2 m tall; ray flowers orange-red, disc flowers yellow. 11 Nov. 1977. G. T. Prance, A. S. Silva, M. J. Balick, C. C. Berg, A. J. Henderson, B. W. Nelson, R. P. Bahia, M. R. dos Santos P 25211 (NY, US).

One specimen is labelled as an herb and the other as a shrub, and it is presumed that the plants are subshrubs. The branching is apparently produced belatedly from the bases of terminal peduncles. Also, the species, with its single terminal heads, seems to relate most closely to less shrubby members of the genus. The large, oblong, short-petiolate leaves with pinnate venation are thoroughly distinctive.

Literature Cited

- Robinson, H. 1984a. Studies in the Heliantheae (Asteraceae). XXXIII. New species of *Aspilia* from South America. *Phytologia* 55: 415-423.
- . 1984b. Studies in the Heliantheae (Asteraceae). XXXIX. New species of *Aspilia* from Brazil. *Phytologia* 56: 262-286.



PLANTS OF BRASIL
Estado de Pará

Nº. 2773

Approx elev 250 m

Aspilia cachimboensis H. Robinson
Holotype

Herb to 2 m; ray flowers orange
to red, disc flowers yellow.
Roadside on BR 163, Cuiabá-
Santarem road, Km 883.

J. H. KIRKLAND, JR. & E. LLENAS

14 Feb 1977

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Aspilia cachimboensis H. Robinson, Holotype,
Herbário Universidade de Brasília. Photo by Victor
E. Krantz, Staff Photographer, National Museum of
Natural History,